

Notice of Allowability

Application No.

10/622,284

Examiner

Jayesh A. Patel

Applicant(s)

HSU ET AL.

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/30/2007.
2. ☒ The allowed claim(s) is/are 22,24,26,29-32,64,65,67,69,72-75,78,79,81,83 and 85-91.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date See Continuation Sheet
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

JINGGE WU
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

Information Disclosure Statement

1. Information disclosure statements submitted on Nov 30 2007, May 07 2007, Mar 03 2006 and Jul 30 2004 have been considered by the examiner.
2. Claims 1-21, 23, 25, 27-28, 33-60, 62-63, 66, 68, 70-71, 76-77, 80, 82, and 84 are cancelled from further prosecution.
3. Independent Claims 22, 26, 64, 69, 78 and 83 are allowed. Dependent Claims 24, 29-32, 65, 67, 72-75, 79, 81 and 85-91 are allowed being dependent on the independent claims.

Allowable Subject Matter

Non of the prior art on record teaches or fairly suggests the rules of the DC and the AC predictions such as if the top-left block, the left block and the top block are intra-coded, the selected DC predictor depends on respective DC values of the top-left block the left block, and the top block; if the top-left block is not intra-coded but the left block and the top block are, intra-coded, the selected DC predictor depends on the respective DC values of the top block and the left block; if the left block is not intra-coded but the top block is intra-coded, the selected DC. predictor is the DC value of the top block; if the top block is not intra-coded but the left block is intra-coded, the selected D.C predictor is the DC value of the left block; if the left block is not intra-coded and the top block is not

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intra-coded, D.C prediction is skipped from the current block; obtaining a DC value for the current block, wherein the obtaining comprises; if DC prediction is skipped for the current block, using the DC differential as the DC value for the current block; and if DC prediction is used for the current block, adding the selected DC predictor to the DC differential[[.III and using the DC value in reconstruction of the current block. as recited in Claims 22, 26, 64, 69,78 and 83. The closest prior arts of record US 5974184, US 5959674, US 20040141654 and US 6215905 shows the AC and DC predictions using the techniques of differencing and threshold but none of them select the DC and AC values as recited in the Claims 22, 26, 64, 69,78 and 83, therefore it is allowable subject matter. Dependent Claims 24, 29-32, 65, 67, 72-75, 79, 81 and 85-91 are allowed being dependent on the independent claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jayesh A. Patel whose telephone number is 571-270-1227. The examiner can normally be reached on M-F 7.00am to 4.30 pm (5-4-9). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jingge Wu can be reached on 571-272-7429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jayesh Patel
12/14/07

JP

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SUPERVISORY PATENT EXAMINER